

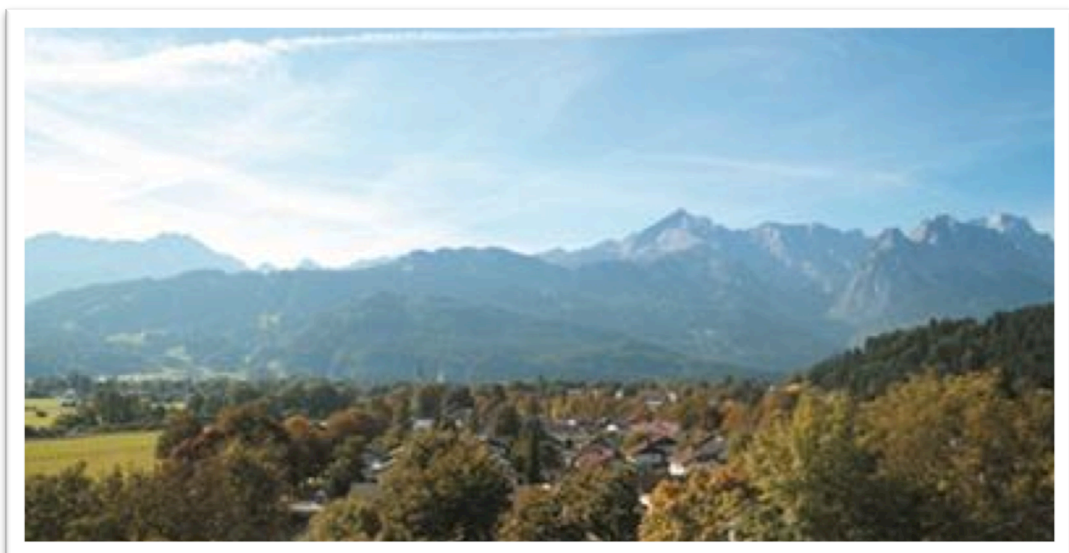
**SFB 1054** Control and Plasticity of  
Cell-Fate Decisions in the Immune System

**SFB 1054**  
**Control and Plasticity of Cell-Fate Decisions in**  
**the Immune System**

**Annual Meeting 2015**

Grainau, Hotel am Badersee  
October 28-30, 2015

**PROGRAM**



## SFB 1054 Retreat PROGRAM

**Wednesday, 28.10.2015**

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10:00 *Departure ZOB/Munich*

12:30 – 14:00 *Lunch*

14:00 - 14:10 **Thomas Brocker** *“Welcome”*

**Session 1: Homeostatic Differentiation Programs**

Chair: Ludger Klein

14:10 - 14:25 **Ludger Klein - A01**  
*Cell-Intrinsic Control of Thymocyte Differentiation*

14:30 - 14:45 **Marc Schmidt-Supprian - A02**  
*Exploring NKT Cell Identity and Function*

14:50 - 15:05 **Vigo Heissmeyer - A03**  
*Investigating Post-Transcriptional Gene Regulation by R3h1/2 Proteins in T Cell Decisions*

15:10 - 15:25 **Daniel Krappmann - A04**  
*Impact of MALT1 on Differentiation and Function of Naïve CD4 T cells*

15:30 - 15:45 **Anne Krug - A06**  
*Development and Plasticity of Plasmacytoid Dendritic Cells*

15:50 – 16:15 *Coffee*

**Session 2: Adaptive Cell-Fate Decisions I**

Chair: Jürgen Ruland

16:15 - 16:30 **Jürgen Ruland - B01**  
*Control of T Cell Activation by CARD9 Dependent Innate Signals in APCs*

16:35 - 16:50 **Karl-Peter Hopfner, Katja Lammens - B02**  
*First insights into the Schlafen family of proteins*

- 16:55 - 17:10 **Thomas Brocker - B03**  
*Maturation Control of Dendritic Cells*
- 17:15 - 17:30 **Wolfgang Hammerschmidt - B05**  
*Role of Viral miRNAs in T Cell Control of Epstein-Barr Virus Infection*
- 19:00 – 20:30 *Dinner*
- 20:30 – 21:30 **Board meeting**

## Thursday, 29.10.2015

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- 07:30 – 09:00 *Breakfast*

### Session 3: Adaptive Cell-Fate Decisions II

Chair: Thomas Korn

- 09:00 - 09:15 **Thomas Korn - B06**  
*IL-23 Dependent Shaping of T Helper Cell Responses*
- 09:20 - 09:35 **Reinhard Obst - B07**  
*How Chronic Antigen Presentation Compromises CD4 T Cell Memory*
- 09:40 -09:55 **Esther Lutgens - B08**  
*The Effect of Hypercholesterolemia on Co-Stimulatory Molecule Function: From Stem and Progenitor Cells to the Mature Immune System*
- 10:00 - 10:15 **Dirk Busch - B09**  
*Composing Diverse T Cell Responses by Recruitment and Differentiation from Multiple Individual Precursor Cells*
- 10:20 – 10:40 **Christina Zielinski – B10**  
*Pro- and anti-inflammatory human Th17 cell functions – molecular targets and therapeutic intervention*

10:45 - 11:15 *Coffee*

#### **Session 4: Associate SFB Members I**

Chair: Thomas Brocker

11:15 - 11:30

**Elke Glasmacher**

*Controlling gene expression levels in immune cells*

11:35 - 11:50

**Carolin Daniel**

*miRNA181a-induced antigen sensitivity triggers T1D-islet autoimmunity by impairing regulatory T cell induction*

11:55 - 12:10

**Percy Knolle** – *Molecular mechanisms determining differentiation of CD8 T cells in the liver*

12:30 – 14:00

*Lunch*

#### **Session 4: Associate SFB Members II**

Chair: Thomas Brocker

14:00 – 14:15

**Caspar Ohnmacht**

*Symbiotic microbiota regulates type 2 immunity through ROR $\gamma$ <sup>+</sup> T cells*

14:20 – 14:35

**Dirk Baumjohann** – *Cellular and molecular requirements for T follicular helper cell differentiation and plasticity*

14:40 – 15:00

*Coffee*

15:00 - 15:30

**General Meeting**

#### **Session 5: Postersession**

18:00

**Mix and Meet at the Poster** (includes *dinner*)

**Friday, 30.10.2015**

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07:30 - 09:00 *Breakfast*

**Session 6: Central Projects**

Chair: Vigo Heissmeyer

- 09:00 - 09:15 **Hubertus Hochrein/Thomas Brocker - T01**  
*Jose Medina - Polarization of tumor-induced myeloid cells to promote antitumor immunity and inflammation*
- 09:20 - 09:35 **Vigo Heissmeyer - Z02**  
*Juliane Klein - Visualizing molecular determinants in cell fate decisions*
- 09:40 - 09:55 **Ludger Klein – IRTG**  
*Poster-Award & IRTG report*
- 10:00 - 10:15 **Anne Krug – Gender Program**
- 10:20 – 10:45 *Coffee*
- 10:45 – 11:00 **Christoph Klein – A05**  
*Novel Mechanisms Controlling Immune Homeostasis in the Human Gut*
- 11:05 – 11:20 **Christian Weber – B04**  
*Chemokine Receptor-Mediated Control of T Cell and DC Plasticity in Chronic Inflammation*
- 12:00 – 13:30 *Lunch*
- 14:00 *Departure*